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NATIONAL AGRICULTURAL CHEMICALS ASSOCIATION

NEWS

AND PESTICIDE REVIEW

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OFFICIAL FDA TOLERANCES

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NATIONAL AGRICULTURAL CHEMICALS ASSOCIATION

NEWS

AND PESTICIDE REVIEW

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The NAC News and Pesticide Review is the official publication of the National Agricultural Chemicals Association, 1145 19th St., N. W., Washington 6, D. C. Telephone: STerling: 3-2833. L. S. Hitchner, Executive Secretary.

AGRICULTURAL CHEMICALS HELP PUT US AHEAD OF RUSSIA IN FARM OUTPUT

Last year when the Russians put an earth satellite into orbit around the earth, the shock persuaded many Americans to believe the Russians were far ahead of us in all phases of science.

Nothing is farther from the truth. This can be seen most clearly in agriculture and in the development of agricultural chemicals. When the Russian Minister of Agriculture was visiting in the United States along with other Russian farm representatives in 1955, he showed intense interest in U. S. pest control techniques. And well he might.

A recent report indicates that the Russians have only 35 chemicals for use in pest control. This issue of NAC NEWS lists 90 chemicals cleared by the U. S. Department of Agriculture and the Federal Food and Drug Administration for use in food production. There are several additional agricultural chemicals not listed since their use leaves no residues. More than 1,500 individual tolerances have been set on the basis of scientific data to assure these chemicals can be used effectively and safely for the benefit of farmers and consumers alike.

Russian Yields Low

Seed treating, spraying of orchards, and aerial spraying of crops with available chemicals are practiced by Russian farmers. But agricultural pests, combined with inadequate fertilizing, and poor climate limit Russian crop yields to well below those in the United States.

Reports from Russia indicate the average Russian has fewer foods to choose from. About 70 percent of their diet is made up of potatoes and bread, cabbage and root crops. Dairy and meat products, vegetables and fruits are available only in very limited quantities. Prices to consumers run high: 75 cents for a quart of milk, and 25 cents for a single egg.

We in the United States are far ahead of the Russians in agriculture, in the healthful, abundant foods our farms produce, and in the relatively low prices we pay for farm produce.

A major factor contributing to the advantage we enjoy in this field are the carefully pre-tested agricultural chemicals which protect American food and fiber crops from disastrous losses and downgrading of quality due to pests.

U. S. Chemicals Win Friends

These same chemicals are among our most effective ambassadors to the rest of the world. As Scripps-Howard writer Wellington Long recently wrote in a by-line article: "American bug-killers probably make more friends for the United States per tax dollar than any other group operating in the Middle East."

Long noted how entomologists with chemical sprays and dusts had pretty well eliminated locusts from India to Ethiopia, had helped farmers in Pakistan, Iran and other countries raise damage-free crops for the first time in history.

"This kind of program wins a lot of friends," Long concluded, "because it helps the common people."

It is surprising that a few vocal faddists are trying their utmost to hamper the proper use of these modern and effective farming tools in the United States.

NEWS LETTER

NAC'S 25TH ANNIVERSARY MEETING will be held in the Bon Air Hotel, Augusta, Georgia, October 29, 30, 31, 1958...The special program will highlight advances of the Industry during the past 25 years and outline areas for continued Industry expansion ...This probably will be the biggest annual affair in the Association's history... Reservations already are being made at the Bon Air for the October meeting.

THE FUTURE OF SCIENCE and of science-produced products lies in the hands of millions of laymen who still know too little about scientists and what they are trying to do... Science Writer Ritchie Calder recently pointed out that rapid scientific progress in past few years has upset many millions of people and has made them feel emotionally insecure...They regard "science" as a "magician" who can perform miracles but who also may do harm...Since science is all "magical", they tend to believe any plausible nonsense anyone cares to tell them...Everyone working in rapidly advancing scientific areas has a tremendous task in getting facts about what our products do, why they are used, and the benefits the public can expect from their proper use... We have to assure the general public that scientists are not magicians...They're practical men working to bring new benefits to all of us.

WORLD HEALTH LEADERS from 89 countries will convene in Minneapolis, Minnesota, May 26 through June 14 to discuss world health problems...Eradication of disease-carrying insects will be high on the agenda...World-wide press coverage for the World Health Assembly is planned through the U.S. press services and the United Nations Press Service...This will be the third World Health Assembly held by the World Health Organization outside of its Geneva, Switzerland, headquarters...The other two were at Rome and Mexico City...World Health Day April 7 will celebrate the 10th Anniversay of WHO.

MORE THAN 10,000 PEOPLE from Alabama's 67 counties visited Pest-O-Rama in the State Coliseum in Montgomery, Alabama, January 20 and 21...Purpose of the event was to educate the general public on the importance of controlling crop, livestock, ornamental, and household pests...Visitors included many FFA and 4H Club members, farmers, nurserymen, garden club members, businessmen and housewives...Pest-O-Rama was sponsored by the Alabama Association for the Control of Economic Pests.

FOOD FADDISTS were assailed by Dr. David B. Allman, President of the American Medical Association, in a talk at the National Food Conference, in Washington, February 24 ...Emphasizing that "proper nutrition is vital to a healthful, happy life", Dr. Allman warned, "I am particularly concerned about the estimated 10 million Americans currently influenced by nutrition quacks. Because our health is our most precious asset, none of us should be gambling with it by employing so-called 'health foods,' 'health aids' and 'diet supplements' as substitutes for proper foods"...Dr. Allman added, "Unfortunately, many persons seeking nutritional facts often listen to the fellow who makes the greatest noise. And the pseudo-scientific faddist has never been known to be a quiet salesman"...The Food Conference was sponsored by farm and food groups to "upgrade the American diet" and to bring better health, better living and longer life to all Americans.

SIXTEEN TRANSCRIBED RADIO TALKS covering latest information on insecticides, fungicides, and herbicides have been released so far in NAC's 1958 transcribed radio series... The talks by authorities in the various fields are being used by about 600 radio stations across the country...Eight more transcribed talks covering home gardening, wildlife, and the fire ant will be released within the coming month.

OFFICIAL F. D. A. TOLERANCES LISTED

PESTICIDE CHEMICALS WHICH ARE NOT UNDER THE MILLER AMENDMENT

The following pesticide chemicals are not under the Miller Amendment. They have been declared safe and require no formal tolerances or exemptions for pesticidal use: sulfur, lime, lime-sulfur, potassium polysulfide, sodium carbonate, sodium polysulfide.

PESTICIDE CHEMICALS WHICH ARE EXEMPT FROM THE REQUIREMENT OF A TOLERANCE

A. When applied to growing crops, in accordance with good agricultural practice, the following pesticide chemicals are exempt from the requirement of a tolerance:

1) **The following copper compounds:**
   Bordeaux mixture
   copper acetate
   basic copper carbonate (malachite)
   copper-lime mixtures
   copper oxychloride
   copper silicate
   copper sulfate basic
   copper-zinc chromate
   cuprous oxide
   tetra copper calcium oxychloride
2) **Allethrin (allyl homolog of cinerin I) on beans, broccoli, brussels sprouts, cabbage, cauliflower, collards, horseradish, kale, kohlrabi, lettuce, mushrooms, mustard greens, radish, rutabagas, turnips.**
3) **N-Ocytylbicyclo-(2,2,1) — 5-heptene-2,3-dicarboximide)**
4) **Petroleum oils**
5) **Piperonyl butoxide**
6) **Piperonyl cyclonene**
7) **N-Propyl isome**
8) **Pyrethrum and pyrethrins**
9) **Rotenone or derris or cube roots**
10) **Ryania**
11) **Sabadilla**

These pesticides are not exempted from the requirement of a tolerance when applied to a crop at the time of or after harvest. Tolerances have been established for post-harvest uses of some of these pesticides. See under specific crops.

B. When applied to raw agricultural commodities after harvest in accordance with good agricultural practice, the following pesticide chemicals are exempt from the requirements of a tolerance:

1) **Carbon disulfide (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
2) **Ammonia (exempt for post-harvest use on grapefruit, lemons, oranges.)**
3) **Carbon tetrachloride (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
4) **Ethylene dichloride (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
5) **Ethylene dibromide (organic bromide residues exempt when used as a fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**

   A tolerance of 50 p.p.m. of inorganic bromide residues (calculated as Br.) from ethylene dibromide when used as a grain fumigant has been set on the same crops.
6) **Chloropicrin (exempt when used as a fumigant for the following grains: barley, buckweat, corn, oats, rice, rye, grain sorghum, wheat).**

ZERO TOLERANCES

The following poisonous or deleterious substances should not be used under conditions that will leave any toxic residues from them on fruits or vegetables as prepared for market.

Calcium cyanide (tolerances established for certain uses. See under specific crops.)
Dinitro-O-sec. butylphenol.
Dinitro-O-cresol.
Hexaethyl tetraphosphate.
Mercury-containing compounds.
Hydrocyanic acid (tolerances established for post-harvest use. See under specific crops.)
Selenium and selenium compounds.
Tetraethyl pyrophosphate.

The Zero Tolerances listed above are from the 1950 hearings. Other Zero Tolerances established under the Miller Amendment are listed under specific crops.

NOTE: Many uses of pesticides leave no residues when the pesticides are used as directed. Where no residues result from a certain use of a pesticide, it is not necessary to obtain a formal tolerance. However, this has been done in some instances and a number of Zero tolerances have been established because no residues result from use of the pesticides according to directions. For detailed information on specific pesticides consult the manufacturer.

Unless otherwise stated tolerances apply to residues from pre-harvest or pre-slaughter applications of pesticide chemicals.

FRUITS

(1) Apples, pears, and quinces.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
S-(*p*-chlorophenylthio)-methyl *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
2,4-Dichlorophenoxy acetic acid	5 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Glyodin	5 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	5 p.p.m. of inorganic bromide calculated as Br.
Methoxychlor	14 p.p.m.
Napthalene acetic acid	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Phenothiazine	7 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Apples and pears.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	1 p.p.m.
p-chlorophenyl phenyl sulfone	8 p.p.m.
Dalapon	3 p.p.m. as 2,2-dichloropropionic acid.
Demeton	0.75 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ethyl 4,4'-dichlorobenzilate	5 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.5 p.p.m.
Ovex	3 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium-o-phenylphenate (post harvest use)	5 p.p.m.

Apples.

Pesticide	*Tolerance*
Dichlone	3 p.p.m.
Heptachlor	0.1 p.p.m.
Maneb	7 p.p.m.
Manganous dimethyldithiocarbamate	7 p.p.m. as zinc ethylene-bisdithiocarbamate
Mercaptobenzothiazole	0.1 p.p.m. as 2,2'-dithiobisbenzothiazole.
Thiram	7 p.p.m.

Crabapples.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
S-(*p*-chlorophenylthio)-methyl *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Pears.

Pesticide	*Tolerance*
Basic copper carbonate (post-harvest application)	3 p.p.m. of combined copper

(2) Apricots.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.

APRICOTS—*Continued*

Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(3) Avocados.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
DDT	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.

Blackberries. For tolerances established for pesticide residues on blackberries, see "Raspberries, blackberries, etc."

(4) Blueberries (huckleberries).

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	1 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Ziram	7 p.p.m.

(5) Cherries.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
1,1-Dichloro-2,2-bis(p-ethylphenyl)ethane	15 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Heptachlor	0.1 p.p.m.
Glyodin	5 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(6) Citrus fruits

Grapefruit, lemons, limes, oranges, tangerines.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
2, 4, Dichlorophenoxy acetic acid	5 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.25 p.p.m.
Dinitro-O-cyclohexylphenol	1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
EPN	3 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Sodium-o-phenylphenate (post harvest use)	10 p.p.m.
Tartar emetic	3.5 p.p.m. of combined antimony trioxide.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.

Grapefruit, oranges, lemons, tangerines.

Pesticide	*Tolerance*
Ovex	5 p.p.m.

Grapefruit, lemons, oranges.

Pesticide	*Tolerance*
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	1 p.p.m.
Demeton	0.75 p.p.m.
Diphenyl (post-harvest use)	110 p.p.m.

Lemons and oranges.

Pesticide	*Tolerance*
Ethyl 4,4'-dichlorobenzilate	5 p.p.m.

Oranges.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Citrus citron.

Pesticide	*Tolerance*
Monuron	1 p.p.m.
Sodium-o-phenylphenate (post harvest use)	10 p.p.m.

Kumquats.

Pesticide	*Tolerance*
Malathion	8 p.p.m.
Monuron	1 p.p.m.
Sodium-o-phenylphenate (post harvest use)	10 p.p.m.

Tangelos.

Pesticide	*Tolerance*
Malathion	8 p.p.m.
Monuron	1 p.p.m.
Sodium-o-phenylphenate (post harvest use)	10 p.p.m.

(7) Cranberries.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(8) Currants.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Zineb	7 p.p.m.

(9) Dates.

Pesticide	*Tolerance*
Ferbam	7 p.p.m.
Malathion	8 p.p.m.
Parathion	1 p.p.m.

(10) Figs.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Maneb	7 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

(11) Gooseberries.

Pesticide	Tolerance
Allethrin (post-harvest use)	4 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Grapefruit. For tolerance established for pesticide residues on grapefruit, see "Citrus fruits."

(12) Grapes.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	1 p.p.m.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
Dalapon	3 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Demeton	1.25 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
Diuron	1 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	0.1 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium arsenate	3.5 p.p.m. of combined As_2O_5.
Tartar emetic	3.5 p.p.m. of combined antimony trioxide.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(13) Guavas.

Pesticide	Tolerance
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
DDT	7 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Zineb	7 p.p.m.

Lemons. For tolerances established for pesticide residues on lemons, see "Citrus fruits."

Loganberries. For tolerances established for pesticide residues on loganberries, see "Raspberries, etc."

(14) Mangoes.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.m.m.
Captan	20 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Nectarines. For tolerances established for pesticide residue on nectarines, see "Peaches and nectarines."

Oranges. For tolerances established for pesticide residues on oranges, see "Citrus fruits."

(15) Papayas.

Pesticide	Tolerance
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.

(16) Passion fruit.

Pesticide	Tolerance
Malathion	8 p.p.m.

(17) Peaches and Nectarines.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Peaches.

Pesticide	Tolerance
Allethrin (post-harvest use)	4 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	1 p.p.m.
p-chlorophenyl phenyl sulfone	8 p.p.m.
Dichlone	3 p.p.m.
Glyodin	5 p.p.m.
Heptachlor	0.1 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethylphosphate & its beta isomer.	1 p.p.m.
Ovex	3 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium-o-phenylphenate (post harvest use)	20 p.p.m.

Pears. For tolerances established for pesticide residues on pears, see "Apples, pears and quinces."

(18) Pineapples.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan	20 p.p.m
Chlordane	0.3 p.p.m.
Dalapon	3 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Diuron	1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
EPN	3 p.p.m.
Heptachlor	0.1 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Monuron	1 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium-o-phenylphenate (post harvest use)	10 p.p.m.

(19) Plums (fresh prunes).

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	1 p.p.m.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	20 p.p.m. of inorganic bromide calculated as Br.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.

PLUMS—*Continued*

Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Ovex	3 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.

Quinces. For tolerances established for pesticide residues on quinces see "Apples, pears and quinces."

(20) Raspberries, blackberries, loganberries, and related berries.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclo-hexylphenol.	1 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Glyodin	5 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Boysenberries and dewberries.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Malathion	8 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Raspberries.

Pesticide	*Tolerance*
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	1 p.p.m.

(21) Rhubarb.

Pesticide	*Tolerance*
DDT	7 p.p.m.

(22) Strawberries.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	1 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclo-hexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
EPN	3 p.p.m.
Ethylene dibromide (soil treatment)	5 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Sesone	2 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Tangerines. For tolerances established for pesticide residues on tangerines, see "Citrus fruits."

VEGETABLES

(23) Artichokes.

Pesticide	*Tolerance*
DDT	7 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.

(24) Asparagus.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Dalapon	30 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (soil treatment)	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Monuron	7 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Sesone	2 p.p.m.

(25) Beans, green beans, snap beans, lima beans, and blackeyed peas.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclo-hexylphenol.	1 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Magnesium arsenate	3.5 p.p.m. of combined As_2O_3.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Beans.

Pesticide	*Tolerance*
Aldrin	Zero.
Demeton	0.3 p.p.m.
Dieldrin	Zero.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Beans (dried).

Pesticide	*Tolerance*
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.

Green Beans.

Pesticide	*Tolerance*
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

Lima Beans.

Pesticide	*Tolerance*
Ethylene dibromide (soil treatment)	5 p.p.m. of inorganic bromide calculated as Br.

Blackeyed peas.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.
Heptachlor	0.1 p.p.m.

(26) Beets.

Beets (garden) (with or without tops) or beet greens alone.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Ziram	7 p.p.m.

Beets, (garden) roots only.

Pesticide	*Tolerance*
Heptachlor	0.1 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Zineb	7 p.p.m.

Beets, (garden) tops only.

Pesticide	Tolerance
Zineb	25 p.p.m.

Sugar beets and sugar beet tops.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Dalapon	5 p.p.m. as 2,2-dichloropropionic acid.
Endrin	Zero.

Sugar beets (but not tops)

Pesticide	Tolerance
EPN	3 p.p.m.
Heptachlor	0.1 p.p.m.

(27) Broccoli.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
1,1-Dichloro-2,2-bis(p-ethylphenyl)ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethylphosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Brussels sprouts. For tolerances established for pesticide residues on brussels sprouts, see "Cabbage, brussels sprouts, etc."

(28) Cabbage, brussels sprouts, kohlrabi, cauliflower.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
Copper arsenate	3.5 p.p.m. of combined As_2O_3.
DDT	7 p.p.m.
1,1-Dichloro-2,2-bis(p-ethylphenyl)ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	0.1 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Cabbage, brussels sprouts, cauliflower.

Pesticide	Tolerance
Demeton	0.75 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethylphosphate & its beta isomer.	1 p.p.m.

Cabbage.

Pesticide	Tolerance
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Endrin	Zero.

Chinese cabbage.

Pesticide	Tolerance
Zineb	25 p.p.m.

Cauliflower.

Pesticide	Tolerance
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ethylene dibromide (soil treatment)	10 p.p.m. of inorganic bromide calculated as Br.

(29) Carrots (with or without tops) or carrot tops.

Pesticide	Tolerance
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
Copper arsenate	3.5 p.p.m. of combined As_2O_3.
DDT	7 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Carrots.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Dieldrin	0.1 p.p.m.
Heptachlor	0.1 p.p.m.
Malathion	8 p.p.m.

Cauliflower. For tolerances established for pesticide residues on cauliflower, see "Cabbage, brussels sprouts, etc."

(30) Celery.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	1 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dichlone	3 p.p.m.
Dicyclothexylamine salt of Dinitro-O-cyclohexylphenol	1 p.p.m.
Dieldrin	0.25 p.p.m.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Collards. For tolerances established for pesticide residues on collards, see "Kale and collards."

(31) Corn (fresh vegetable).

Pesticide	Tolerance
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
EPN	3 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	0.1 p.p.m.
Lindane	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.

Sweet corn (kernels but not forage thereof).

Pesticide	Tolerance
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	1 p.p.m.

Corn (Kernels plus cob with husk removed).

Pesticide	Tolerance
Malathion	2 p.p.m.

(32) Cucumbers.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	1 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	30 p.p.m. of inorganic bromide calculated as Br.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethylphosphate & its beta isomer.	0.25 p.p.m.

CUCUMBERS—*Continued*

Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(33) Eggplants.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(34) Endive and escarole.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Malathion	8 p.p.m.
Parathion	1 p.p.m.
Zineb	25 p.p.m.

(35) Kale and collards.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Zineb	25 p.p.m.
Ziram	7 p.p.m.

Kohlrabi. For tolerances established for pesticide residues on kohlrabi, see "Cabbage, brussels sprouts, kohlrabi."

(36) Lettuce.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
1,1-Dichloro-2,2-bis(p-ethylphenyl)ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
EPN	3 p.p.m.
Ethylene dibromide (soil treatment)	30 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.5 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	25 p.p.m.
Ziram	7 p.p.m.

Romaine.

Pesticide	*Tolerance*
Zineb	25 p.p.m.

Lima Beans. For tolerances established for pesticide residues on lima beans, see "Beans, green beans, etc."

(37) Melons, including cantaloupes, muskmelons, watermelons, and other melons.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Sodium dimethyldithiocarbamate	25 p.p.m. as zinc ethylene-bisdithiocarbamate
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Cantaloupes.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	1 p.p.m.
Captan	20 p.p.m.
Dieldrin	Zero.
Ethyl 4,4'-dichlorobenzilate	5 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Tetraiodoethylene (post-harvest application).	15 p.p.m.

Muskmelons.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	1 p.p.m.
Demeton	0.75 p.p.m.
Dieldrin	Zero.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Watermelons.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	1 p.p.m.
Captan	20 p.p.m.
Dieldrin	Zero.

Bitter melon (Mormodica charantia).

Pesticide	*Tolerance*
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

(38) Mushrooms.

Pesticide	*Tolerance*
DDT	7 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Zineb	7 p.p.m.

(39) Mustard greens.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Zineb	25 p.p.m.

(40) Okra.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.

(41) Onions (including green onions).

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.

Dieldrin	0.1 p.p.m.
Ferbam	7 p.p.m.
Heptachlor	0.1 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Tartar emetic	3.5 p.p.m. of combined antimony trioxide.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Onions (dry bulbs only).

Pesticide	*Tolerance*
Monuron	1 p.p.m.

Garlic.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Malathion	8 p.p.m.

Leeks.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Malathion	8 p.p.m.

Shallots.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Malathion	8 p.p.m.

(42) Parsley.

Pesticide	*Tolerance*
Malathion	8 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Zineb	7 p.p.m.

(43) Parsnips (with or without tops) or parsnip greens alone.

Pesticide	*Tolerance*
DDT	7 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.

Parsnips (roots only).

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Malathion	8 p.p.m.

(44) Peanuts.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine
Heptachlor	0.1 p.p.m.
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.
Malathion (post-harvest application)	8 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m. (determined on the nuts with shell removed).
Pyrethrins (post harvest use)	1 p.p.m. (determined on the nuts with shell removed).
Sesone	6 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(45) Peas.

Pesticide	*Tolerance*
Aldrin	Zero.
Benzene hexachloride	5 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	Zero.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	0.1 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Peas (dried).

Pesticide	*Tolerance*
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.

Cowpeas.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.
Heptachlor	0.1 p.p.m.
Methoxychlor	100 p.p.m.

(46) Peppers (Pimientos).

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	30 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Peppers (bell).

Pesticide	*Tolerance*
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

(47) Potatoes. Tolerances are not needed for those pesticides applied only to the foliage of potatoes and that are not translocated to the tubers.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Chlordane	0.3 p.p.m.
Dalapon	10 p.p.m. as 2,2-dichloropropionic acid.
Demeton	0.75 p.p.m.
2,4-dichloro-6-(*o*-chloroanilino) triazine	1 p.p.m.
Dieldrin	0.1 p.p.m.
Diuron	1 p.p.m.
Endrin	Zero.
Heptachlor	0.1 p.p.m.
Malathion	8 p.p.m.
Maneb	0.1 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
Methyl bromide (post-harvest fumigation)	75 p.p.m. of inorganic bromide calculated as Br.
Sesone	6 p.p.m.

(48) Pumpkins.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan	20 p.p.m.
DDT	7 p.p.m.
Dieldrin	Zero.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(49) Radishes (with or without tops) or radish tops.

Pesticide	*Tolerance*
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Radishes.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Heptachlor	0.1 p.p.m.
Malathion	8 p.p.m.

Horseradish.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Dieldrin	0.1 p.p.m.
Malathion	8 p.p.m.
Toxaphene	7 p.p.m.

Rutabagas (with or without tops) or rutabaga tops. For tolerances established for pesticide residues on rutabagas, see "Turnips and rutabagas."

(50) Salsify.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Malathion	8 p.p.m.
Zineb	7 p.p.m.

Salsify root.

Pesticide	Tolerance
Dieldrin	0.1 p.p.m.

Salsify tops.

Pesticide	Tolerance
Dieldrin	0.25 p.p.m.

(51) Spinach.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
DDT	7 p.p.m.
1,1-Dichloro-2,2-bis(p-ethylphenyl)ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	25 p.p.m.
Ziram	7 p.p.m.

(52) Squash (summer and winter squash).

Pesticide	Tolerance
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Summer squash.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Dieldrin	0.25 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.

Winter squash.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Dieldrin	Zero.

Zucchini squash

Pesticide	Tolerance
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

(53) Sweet potatoes. Tolerances are not needed for those pesticides applied only to foliage of sweet potatoes and which are not translocated to the tubers.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Chlordane	0.3 p.p.m.
DDT (post-harvest use)	7 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	0.1 p.p.m.
Methyl bromide (post-harvest fumigation)	75 p.p.m. of inorganic bromide calculated as Br.

(54) Swiss chard.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	25 p.p.m.

(55) Tomatoes.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	1 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan	20 p.p.m.
Chlordane	0.3 p.p.m.
Copper arsenate	3.5 p.p.m. of combined As_2O_3.
Dichlone	3 p.p.m.
2,4-dichloro-6-(*o*-chloroanilino) triazine	10 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Endrin	Zero.
EPN	3 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	0.1 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Thiram	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(56) Turnips or rutabagas (with or without tops) or turnip greens or rutabaga tops.

Pesticide	Tolerance
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined As_2O_3
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Turnips with tops.

Pesticide	Tolerance
Heptachlor	0.1 p.p.m.
Malathion	8 p.p.m.

Rutabagas.

Pesticide	Tolerance
Toxaphene	7 p.p.m.

Rutabagas (yellow turnips) without tops.

Pesticide	Tolerance
Heptachlor	0.1 p.p.m.
Malathion	8 p.p.m.

Turnips and Rutabagas.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Dieldrin	0.25 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

Turnip tops.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Dieldrin	0.25 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.

Turnips.

Pesticide	Tolerance
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.25 p.p.m.

Grain crops.

(57) Barley.

Pesticide	Tolerance
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	0.1 p.p.m.
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest application).	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.

(58) Buckwheat.

Pesticide	Tolerance
Calcium cyanide (post-harvest use)	25 p.p.m.
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.

(59) Corn grain (including pop corn).

Pesticide	Tolerance
Aldrin	Zero
Dieldrin	Zero
Ethylene dibromide (post-harvest fumigation).	50 p.p.m. of inorganic bromide calculated as Br.
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.
1-methoxycarbonyl-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
Piperonyl butoxide (post-harvest use)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.

Corn Grain (excluding pop corn).

Pesticide	Tolerance
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Heptachlor	0.1 p.p.m.
Malathion (post-harvest application)	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Mineral oil (post-harvest application)	200 p.p.m.

Field corn.

Pesticide	Tolerance
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	0.25 p.p.m.

(60) Oats.

Pesticide	Tolerance
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	0.1 p.p.m.
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Toxaphene	5 p.p.m.

(61) Rice.

Pesticide	Tolerance
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest application).	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.

(62) Rye.

Pesticide	Tolerance
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	0.1 p.p.m.
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest application).	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.

(63) Wheat.

Pesticide	Tolerance
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	0.1 p.p.m.
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest application).	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.
Zineb	1 p.p.m.

(64) Oat grain, Barley grain, Rice grain, Rye grain, Wheat grain.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Dieldrin	0.1 p.p.m.
Malathion (post-harvest application)	8 p.p.m.

(65) Sorghum grain.

Pesticide	Tolerance
Calcium cyanide (post-harvest use)	25 p.p.m.
Hydrogen cyanide (post-harvest fumigation.	25 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Malathion (post-harvest application)	8 p.p.m.

(66) Grain sorghum (Milo).

Pesticide	Tolerance
Allethrin (post-harvest use)	2 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	0.1 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

(67) Grain Sorghum.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.
Mineral oil (post-harvest application)	200 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Hay and forage crops.

(68) Alfalfa.

Pesticide	Tolerance
Aldrin	Zero.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Demeton	5 p.p.m.
Dieldrin	Zero.
Diuron	2 p.p.m.
Heptachlor	0.1 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	100 p.p.m.
Parathion	1 p.p.m.

(69) Alfalfa hay.

Pesticide	Tolerance
Demeton	12 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

(70) Clover (including sweet clover).

Pesticide	Tolerance
Aldrin	Zero.
Demeton	5 p.p.m.
Dieldrin	Zero.
Heptachlor	0.1 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	100 p.p.m.
Parathion	1 p.p.m.

Clover hay.

Pesticide	Tolerance
Demeton	12 p.p.m.

Birdsfoot trefoil (hay, forage).

Pesticide	Tolerance
Diuron	2 p.p.m.

(71) Cowpea hay.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.

(72) Corn forage.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.
Parathion	1 p.p.m.

Sweet corn forage.

Pesticide	Tolerance
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.

(73) Grass and grass hay. Grass, pasture and range.

Pesticide	Tolerance
Heptachlor	0.1 p.p.m.

Grass for forage.

Pesticide	Tolerance
Methoxychlor	100 p.p.m.
Parathion	1 p.p.m.

Grass crops (grass hay).

Pesticide	Tolerance
Diuron	2 p.p.m.

(74) Grain Sorghum forage.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.

Sorghum forage.

Pesticide	Tolerance
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.

(75) Lespedeza.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.

(76) Oat straw, Rice straw, Barley straw, Rye straw, Wheat straw.

Pesticide	Tolerance
Aldrin	0.75 p.p.m.
Dieldrin	0.75 p.p.m.

(77) Pea forage.

Pesticide	Tolerance
Parathion	1 p.p.m.

Pea vines.

Pesticide	Tolerance
1-methoxycarbonyl-1-propen-2-yl-dimethyl-phosphate & its beta isomer.	1 p.p.m.

(78) Pea hay.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.

(79) Peanut forage.

Pesticide	Tolerance
Methoxychlor	100 p.p.m.

(80) Peanut hulls and hay.

Pesticide	Tolerance
Sesone	6 p.p.m.

(81) Peanut hay.

Pesticide	Tolerance
Aldrin	Zero.

(82) Soybean forage.

Pesticide	Tolerance
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	Zero.
Methoxychlor	100 p.p.m.

(83) Soybean hay.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.

(84) Vetch.

Pesticide	Tolerance
Parathion	1 p.p.m.

(85) Tree nuts.

Almonds.

Pesticide	Tolerance
Demeton	0.75 p.p.m.
EPN	0.5 p.p.m.
Ferbam	0.1 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Maneb	0.1 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Ziram	0.1 p.p.m.

Almond hulls.

Pesticide	Tolerance
Demeton	5 p.p.m.

Brazil nuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Bush nuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Butternuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Cashews.

Pesticide	Tolerance
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Chestnuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Hazel nuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.

Hickory nuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.

Litchi nuts.

Pesticide	Tolerance
Ethylene dibromide (USDA Quaratine Program).	10 p.p.m. of inorganic bromide calculated as Br.

Pecans.

Pesticide	Tolerance
Demeton	0.75 p.p.m.
EPN	0.5 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.
Ziram	0.1 p.p.m.

Pistachio nuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Walnuts.

Pesticide	Tolerance
Demeton	0.75 p.p.m.
EPN	0.5 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Toxaphene	7 p.p.m.

(86) Meat and poultry.

Fat of Meat from Cattle, Sheep or Hogs.

Pesticide	*Tolerance*
DDT	7 p.p.m.
Methoxychlor	3 p.p.m.

Fat of meat from cattle, goats and sheep.

Pesticide	*Tolerance*
Toxaphene	7 p.p.m.

Meat and meat by-products from cattle, hogs, poultry.

Pesticide	*Tolerance*
Malathion	4 p.p.m.

Poultry (uncooked).

Pesticide	*Tolerance*
Chlortetracycline	7 p.p.m.
Oxytetracycline	7 p.p.m.

(87) Milk.

Pesticide	*Tolerance*
Malathion	Zero.
Methoxychlor	Zero.

(88) Eggs.

Pesticide	*Tolerance*
Malathion	Zero.

(89) Other raw agricultural commodoties.

Cavandish bananas.

Pesticide	*Tolerance*
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

Cocoa beans.

Pesticide	*Tolerance*
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Copra.

Pesticide	*Tolerance*
Ethylene oxide (post-harvest fumigation)	50 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Cotton.

Pesticide	*Tolerance*
Heptachlor	0.1 p.p.m.

Cotton seed.

Pesticide	*Tolerance*
Dalapon	35 p.p.m. as 2,2-dichloropropionic acid.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	0.5 p.p.m.
Diuron	1 p.p.m.
Endrin	Zero.
EPN	0.5 p.p.m.
Ethylene dibromide (soil treatment)	25 p.p.m. of inorganic bromide calculated as Br.
Malathion	2 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Dandelions.

Pesticide	*Tolerance*
Malathion	8 p.p.m.

Flaxseed.

Pesticide	*Tolerance*
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Hops.

Pesticide	*Tolerance*
Demeton	1.25 p.p.m.
Parathion	1 p.p.m.
Zineb	60 p.p.m.

Olives.

Pesticide	*Tolerance*
EPN	3 p.p.m.
Parathion	1 p.p.m.

Peppermint.

Pesticide	*Tolerance*
Malathion	8 p.p.m.

Sesame.

Pesticide	*Tolerance*
Hydrogen cyanide (post-harvest fumigation).	25 p.p.m.

Spearmint.

Pesticide	*Tolerance*
Malathion	8 p.p.m.

Soy beans.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.

Sugarcane.

Pesticide	*Tolerance*
Diuron	1 p.p.m.
Heptachlor	0.1 p.p.m.
Monuron	1 p.p.m.

Watercress.

Pesticide	*Tolerance*
Malathion	8 p.p.m.

Whole spices.

Pesticide	*Tolerance*
Ethylene oxide (post-harvest fumigation)	50 p.p.m.

Whole spices (specified).

Allspice, anise, basil, bay, black pepper, caraway, cassia, celery seed, chili, cinnamon, cloves, coriander, cumin, dill, ginger, mace, marjoram, nutmeg oregano, paprika, poppy, red pepper, rosemary, sage, savory, thyme, tumeric, white pepper.

Pesticide	*Tolerance*
Hydrogen cyanide (post-harvest fumigation).	250 p.p.m.

The Library

MEETINGS

Western Agricultural Chemicals Association. Spring Meeting. April 22. Hotel Biltmore, Los Angeles, California.

National Plant Food Institute. Annual Meeting. June 15-18. Greenbrier Hotel, White Sulphur Springs, West Virginia.

Pacific Branch, Entomological Society of America. June 25-27. San Diego, California.

Northwest Garden Supply Trade Show, October 28-29. Masonic Temple, Portland, Oregon.

National Agricultural Chemicals Association. 25th Annual Meeting. October 29, 30 and 31. Bon Air Hotel, Augusta, Georgia.

PUBLICATIONS

The High Plains Grasshopper. This pest has been responsible for millions of dollars worth of damage to food, feed and fiber crops. This publication gives details on its life cycle, habitat, causes of outbreaks, and methods of control. 168 pages. $1.00. Catalog No. A. 1.36:1167. U. S. Government Printing Office, Washington 25, D. C.

Common Diseases of Important Shade Trees. 53 pages covering chief diseases of valuable shade trees plus methods to avoid or control the diseases. 25 cents. Catalog No. A. 1.9:1987. U. S. Government Printing Office, Washington 25, D. C.

Results of 1957 Fungicide Tests. This publication replaces the previous practice of combining reprints of serial articles published in "Agricultural Chemicals" Magazine. It includes results from tests on the newer fungicides, and can be obtained from Dr. A. B. Groves, Department of Plant Pathology and Physiology, Winchester Fruit Research Laboratory, Rural Route 3, Winchester, Virginia. $1.00 per copy. Make checks or money orders out to The American Phytopathological Society. Additional charges will be made for postage and handling where orders must be billed.

FILM

Dusting At Dawn. A full-color sound educational film on the control of apple scab and peach brown rot. Depicts life cycle of apple scab in detail and points out times when blossoms and leaves must be protected against infection. Naugatuck Chemical Division, United States Rubber Company, Naugatuck, Connecticut.

Mr. Stoddard Retires After Many Years As Industry Leader

Russell B. Stoddard, formerly Manager of the Fairfield Chemical Division, Food Machinery and Chemical Corporation, has retired from active service with the company, Dr. Carl F. Prutton, FMC Executive Vice President has announced.

MR. STODDARD

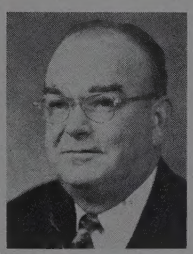
Dr. Prutton said Mr. Stoddard will continue on a part-time basis as consultant to FMC on pesticide materials as well as devote himself to outside business interests.

For more than 20 years Mr. Stoddard has been active in the pesticides Industry and in the National Agricultural Chemicals Association. Over the years he sought out new sources of rotenone root and later specialized in improving pyrethrum insecticide, developing new sources of supply, and expanding its use, particularly in aerosol bombs.

Mr. Stoddard's activities in NAC have included membership on the Board of Directors 1948 to 1955 and membership on a number of NAC committees. During his long period in the field, he has been a driving force in the Pesticides Industry.

NAC BOARD MEMBER DIES AT HOME

Thomas Leland Wilkerson, 59, General Sales Manager for the Phosphate and Nitrogen Division, American Cyanamid Company, and a member of the Board of Directors of the National Agricultural Chemicals Association, died suddenly, March 10.



MR. WILKERSON

The medical examiner attributed death to a heart attack. Mr. Wilkerson had suffered from a heart condition.

Born on a farm in Daleville, Mississippi, Mr. Wilkerson was graduated from Mississippi A and M College in 1922. He served as an entomologist in the U. S. Department of Agriculture, principal of Newellton High School, Newellton, La., and County Agricultural Agent for Tensas Parish, La., before joining the American Cyanamid Company as an agronomist.

Mr. Wilkerson became district sales manager for the company in 1931, manager of technical services in 1937, and general sales manager in 1950. Surviving are his wife and a daughter. Burial was in Toccoa, Georgia.

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